Notebook, N-88-01-30

This notebook covers the period January 1888-March 1890, with scattered entries from 1891 and 1892. It is the first of two books (see also N-90-02-15) that were used by an unidentified employee as a sign-out book for items borrowed from Edison's library. There are also notes regarding library acquisitions. The book contains 145 numbered pages.

Blank pages not filmed: 2-22 and 26-70 [even-numbered pages], 108-141, 144-145.

THOS. A. EDISON

Memorandum.

THOS. A. EDISON,
ORANGE, N. J.

Title of the Book	Delivered to	Date of Delivery	Date of Return
Watt, Metallurgy	R. Wiley	Jan 30	Febr 3
" Dictionary 1872. Vol 5		Feb 7	
Kupfer, Magnet Museum.			Sept 30. 87
Ganot, Physics			"
Clark & Sabine, Elect. Tables			"
Ayrton, Pract. Electricity			
Edelmann, Apparate	Kennelly	Feb 7	July 5.
Chambers, Math Tables	Galvr. Rom		Sept 30
Everett, Units.			"
Wiedemann Electr. 2, 3, 4 6.			Aug 30
Maxwell Treat. Vol 1 & 2.			Aug 30
Rankine Rob. Mech			
Wittstein, Präparate	Wilmowsky	Feb 7.	May 17
Watts Dict vol	"	Feb 10	Feb 20
Payne	Payne	Feb 20	
Thompson, Reis	Batchelor		Jan 13. 91
Richter Org Chemistry	Aylsworth	Feb 8.	Feb 21
Proc. Roy. Soc. 19	Stuhlo-Berg	" 9	Feb 21
Gmelin Org Chem 2	Wilmowsky	Feb 16	Feb 22
" " " 4. 6. 10.			"
Gmelin Org. 11	Braun	Feb 20	Feb 20
Mitchell, Manual of Assaying	Wilmowsky	" "	May 17

Title of the Book	Delivered to	Date of Delivery	Date of Return
Watt Electrodeposition	Sylvester	Febr 10.	March 15
Watts Dictionary (Pot)	Chem Room	" "	Sept 17.
Wurtz Dictionary (Tot).			Apr 3 '69
Buchanan, Dict of Sc Terms	Salvan. Room	Febr 22	Sep. 3 '69
Gmelin Org 12	Braun	Febr 22	March 13
Gmelin II	Marshjain	Febr 22	"
Storer Solubilities	Gladstone	Febr 22.	March 17
Lee Photo Engrg	Cousens	Feb 24	Mch 2
Sutton Photo Supply	Cousens	Feb 27	Mch 12
Gmelin Org (Chemistry) Vol 1 to 10 and index	F. J. Murray	Feb. 27	
Physical Tables			
Chillemann	Cousens	Mch 1	Mch 22
Text Book of Least Squares	A. E. Hennelly	Mar 4	Mar 28
Conversion of heat into work	- -		" "
Ampère, Phenom Electrodyn.	Schulze-Berge	March 6.	March 16
Neumann, Elektr. Ströme	" "	" 6.	" "
Gordon Elektr Vol 2.	Wirth	" 6.	March 6.
Napier, Chemistry applied to dyeing			
Slater, Manual of Colors	Braun	March 6	March 6.
Sims, Dyeing and Bleaching			
Roscoe Kolbemmer Vol III pt I	Braun	March 6	Apr 16
Turner Chemistry	Gladstone	March 13	May 8th

Title of the Book	Delivered to	Date of Delivery	Date of Return
~~[illegible]~~			
Gmelin 1-18 and Index	Wilminsky	March 15	Apr 3
Gmelin Bezanez Org Chem	Wilminsky	" "	Apr 3
Moyer mod Th Chem.	Braun	March 16,	Apr 19.
Roothaert Chem	"	"	Apr 18
Sprague Electricity	Deems	March 16,	Sept 17th
Gore Electrometallurgy	Wiley	"	Sept 30
Watt Electrometallurgy	Wiley	"	Sept 30
Prescott, Dynamo Electr.			June 27th
Bridge, Electr. Ill. vol 1, 2			
Phil Trans Roy Soc 1874, I; 1875 I, 1876 I 1878 I 1878 I	Held by		Mch 25. 91.
Scientif. Amer. vol 29, 1873	Messrs		Mch 25. 91.
Carpmael Pat Laws of the world	Dyer		
Johnson, Patentees Man	and		Mch 25. 91.
Whitmans Patent Cases 2 Vol	Seely		Mch 25. 91.
Curtis, on Patents 1867.	in		Mch 25. 91.
Poors Manual of Railroads 1886	New York		Ret
Electric Patents U.S. 2 Vols			Mch 25 91

Title of the Book	Delivered to	Date of Delivery	Date of Return
Electric Telegr Appar (Engl) 1838-39, 1850-54, 1855-59 1860-62, 1863-75 Electric Light App (Engl) 1840-52, 1852-72, Amer Bell Telephone Cagainst People Tel Co Vol 1. Abridgmts of Engl Patents 1867-76, 1858-66, 1805-76, 1766-1857, 1766-1857	Held by Messrs Dyer & Seeley in New York		Mch 25. 81. ——— ———
Prescott Electricity and the El Telegraph. Prescott, Speaking Telph	Hamilton	March 17	June 11.
Regnault I	J. T. Marshall	March 19	Nov 17
Hospe, Gasp. d. Flamis.	Schulze-Berge	March 20	Apr 22
Tyndall, Diamagnet.	Aylsworth	March 20	Apr 22
Graham, Elem of Chem	Lozier	March 21	May 7.
Plants, Storage.	McConell	March 27	Apr 27.
Herl, Assayer's Manual	Dickson	March 28	
Ross, Blowpipe Analysis	~~Ross~~ "	" "	

The three under lined works rec'd Mch 25 81. besides Pres of Geol Surv.

Philip's Ore Deposits	Dickson	March 27	
Philippi, Metallurgy			Feb 6
Kurtel, Ones			
Kurtel, Concentr.			
Crookes & Rohrig			Feb 6
Brant Fr Metallurgy			
Wormic Theory of Wood	Coulsen	Mch 24	Ap 3
Weidemann Appr			
12, 17, 20, 21	Schulze - Berge	March 27	Apr 12
Journ Science & Arts 13, 14			Apr 12
Weidemann Elektr 4a			Apr 21
Watts Dic Vol V	Coulsen	Mch 26	Mch 30
Poggend Ann 123	Braun	Mch 27	Mch 27
Ross, Dynamology	Gladstone	" 28	Apr 11
Gray Dyn: Measurements	Kennelly	" 28	Apr 30 89
Pleiss, Proof of Metals	Coulsen	Mch 30	Apr 3
Richards Steam Indicator	Kennelly	" 31	Apr. 1st
Kittler Elektrot.	Schulze - Berge	Apr 2	Oct 2
Bevan, Aids, Metallurgy	Gladstone	Apr 4	Apr 11
Silliman Jr. Chemistry	Coulsen	4	Ap 5
Chemical News Vol XIII 1	Wiley	" 4	Apl 4
Integral Calculus	Kennelly	" 4	Apr. 28th
Wiedemann Moulthrop	Coulsen	Ap 5	6
Sabine Elect Telegr		Ap 6th	Ap 9th
Bottomley Ch. Chemistry & Cr.	Coulsen	6	9
Northrop Processed Meat	Kennelly	" 6	Apr 8

Kohlrausch pr. Physik	Braun	Apr 7.	Apr 18
Memoirs [illegible]	[illegible]		
Wagner Chem Technol	Braun	Apr 9½	Apr 19
Bremont Pratt Rev Bonis	Schulze - Berge	Apr 9½	Apr 24.
Chem. Monse & Ch. Vanpr	Coutens	10	Apr 16
Lunge Coal Tar	Braun	" 11	Apr 18
Hoppe Bernh D. Elektr	Schulze - Berge	" 11.	June 15½
Chemistry applied to Ind	Gladstone	Apr 12	May 9½
Wagner Technology	Gladstone	" "	" "
Gt. Skeda, Wurtz	Coutens	17	Apr 18
Fr. 12 Ch. Vanpr Nordst	Coutens	18	18
Cox Treatise on Heat	Batchelor	Apr 18	Apr 27
Ashenwood Eng Res			
Müller Physik 3.	Schulze - Berge	Apr 18.	June 15½
Kohlrausch Practical Meas	Dr. E. Kennelly	" 26	Sept 30. 89
Parkinson Optics		" 26	Sept 30. 89
Journal of Science and Arts Vol 13 & 14	Schulze - Berge	Apr 30	July 25
Painter, Gilder and Varnisher Companion	"	"	July 26
Watts Electrodeposition	Wiley	May 8.	Sept 12½
" "	Dickson	" "	Oct 1. 15
Graham Elem Chem by Bridges	Gladstone	May 8	June 28 1889

Richter Org Chem	Gladstone	May 8th	July 20th
Meyer Theoret. Chem			"
Journ for Tel Eng	Sarvai	May 17th	June 28.
N 864-70 & index			
Draper's Scientif. Chem.	Gladstone	May 18th	June 29th
Samples	Wilmowski	May 26	
Poggendorff's Annalen Vol 136, jubelband.	Schulze - Berge	May 26	June 28.
Widem Ann 20, 21.		"	"
Prescott. Syng.	E. G. Thomas	May 26	June 2
Telephone Lit.			
Iron & Steel Indus.	"	"	June 12
Ines of the U.S.			
Gorup Besanez, Anorg Chem ~~Org Chem~~	Wilmowski	June 2	Aug 3? Sept 13?
Jungfleisch Manipulat.			
Guettier, Metallic Alloys	Colgate	" "	Aug 13th
Mouchin's Wirkungen Minerat.	(J. Kennelly)	" 30	July 30
Parnell Appl Chem. 2.	Aylsworth	June 4	June 7
Wagner Chem Technol	" "	" "	
Heinzerling Sensations	Wangemann	June 7	May 4th
Ure, Dictionary. I	Aylsworth	" "	

Tayler, Sound	Geo H. Dearnham	June 8	June 11
Faradays Life Vol 1	Aylsworth	June 8	July 23
Ure's Dict III	"	June 15	
Young Electrical Series	Schulze-Berge	June 15	Aug 23 30
Electrotech Zeitschrift 1887 No. April June to Dec. 1888 ~~Jan (no) Feb~~ No. 1, 2, 4, 5, 6, 7.	Sawai	June 28	Aug 6
Salomons, Accumulat	Colgate	June 30	July 13
Faradays Life Vol 2	Aylsworth	July 2	Sept 17
Faradays Exper Res Vol 1	Gladstone	July 9	June 26
Salomons Accumulator	Mr Conell	July 10	Oct 3.
Prescott Syn Elect	Walth. Miller	July 13	Aug 16
Thomson Electrostatics	A. E. Kennelly	"	July 16
Sig Lawson Electric Lighting	Ted Brown	"	Sept 30
Thermodynamics	Byrnes	" 20	Sept 30
Encyclop Brit 13	Hussey	July 27	Aug 22
Wullner IV			Sept 30
Wood Electricity	Galvanom Room	July 27	Sept 30
The Chemist 1854	Wiley.	July 31	Aug 18

Catechism of the Steam Engine	Lowrie	Aug 6th	Aug 15 14
Mechanical Theory of Heat	Kennedy	" 6th	Sept 30. 89
Plant's Rechnen		" 6th	Sept 30 89
Elektrot Zeitschrift 1888	Schuhr - Berge	Aug 8th	October 1892
(Sao Sawai June 28) Recd Modern Sheet of chem	Fessenden.	Aug 8	July 13 89
Prescott Great Telegph	Sam'l Blum	Aug 15th	Aug 20
Shiving Dynamo El.	Dunham	Aug 17th	Sept 14
Hug'n Elec Beleuchtung	Sam'l Blum	Aug 18	Aug 22
Modern Applicty of El.	Griffin	Aug 19	Aug 22
Electric Light Engineer	Sam'l Blum	Aug 22	Aug 31
Fleming Short Lectures	Walth. Miller.	Aug 23	Aug 29, 89.
Maxwell Treatise I	Schulze - Berge	Aug 28	Oct 8
Electric Batteries	Geo. M. Burr	Sept 6	Sept 8.
Gunglfleisch (Elem.) Grad Chemistry	Fessenden.	Sept 1	May 3
Cooley, Encycl of Grad Rec II & I			
Watt's Vs. of 3d Suppl (Vol 7, 8 I, 8 II)	Wildermuth		Apr 3
Ure Dict Vol II	"		Apr 1
~~Painter Eng~~			
Roscoe & Schorlemmer Vol III Pt I	Dr Leeson	Sept 17th	Oct. 10
British Indus Legend	Fessenden		not rec'd Dec 16. 89
Watt (Elem), New Ed I. II, V	"		

Brannt u Wahl, Rei Bot	Fesenius.	Sept 17	Jul 28
Watt IV (N.S.)	Aylsworth	"	Nov 6
Stott Chemist's Manual	Dayne	"	
~~Sonn Dinsdaly Scrip~~			
Streeter Wis Liebners Org Chemistry			Sept 30
Anim & Veget Fats by Brannt			"
Parnell, Appl Chem II			"
~~Fresenius Book Analy~~	"	"	"
Lieber Anal Chem Assist			"
Rosoe & Schorl III II			"
Chemistry Applied to Arts & Manufact Vol 2, 3, 5			"
Wagner Chem Technol	"	"	"
Parkman Sterns Eng & Spa + Letters of Jaume	Lyer Kennelly	Oct 5 Oct 13	Mar 1 91 Jan 2 / 91 Jan 5
Lynwall. Lepel. Schorlemmer		—	Jan 15
Richter Organic Chem		—	
Roscoe Schorlemmer Vol 2 Part II		—	Jan 15
Analytical Theory Heat	A. C. Kennelly	Oct 17	Sept 30 89
Sternberg Bacteria	Kennelly	Oct 18	Mch 22 90
Cohn Bacteria			Aug 5
Shelbd Red Times XII 391.			Mch 22 90

Watts Dictionary com- plete (9 vols)	Wurtz	Oct 17	
Nature of Sounds	~~Dr~~ Fessenden	Oct 25	
Lea Photography	Dickson	Oct 29	
J T Sprague Elect + its Simple Agents		Nov 1	Nov 2
Taylor, Sound and Music	R C Thorpe	Nov 3 28	Nov 5
Martin & Wetzler, Electric Motor	J T Bramwell	Nov 3 2	Jan 2
Routledge, Popular History of Science	Deschler	Nov 12 4	Dec 4
Annales de Chimie et de Physique III Ser vol 7 & 8	Dr Wurtz	Nov 17 4	Nov 29
Practical Physics Stewart	Fessenden	Nov 17 4	May 22
Science Conferences 1876 3 vols	Deschler	Nov 19 4	Dec 4
British Ass Report 1881	Fessenden	Nov 22	May 30 "
Phil. Mag. June 1882			
Ann Chim & Phys 2d ser Vol 67 to 69; Vol 59 & 60.	Dr Wurtz	Nov 23 2	Nov 27 1/2
Koch Traumatic Diseases	Kennelly	Nov 23 2	Mch 22 1890
Cohn Biolog d Pflanzen Heft 2			Aug 15 4
Archiv f Thierheilk (5 Bände)			Aug 15
Berliner Klin Wochenschr 2 J.			Mch 22, 90
Spina, Tuberculosis			Aug 15

Nov 23	Journ Chem Soc Lon- don Vol 13, 1861	Dr Wiecrt	Nov 23	Nov 27
	Comptes Rendus 74 & 76	" "	Nov 24	Nov 27
	Kohlrausch Phys Meas.	Dickson	Nov 30	Dec 15
	Fik & Hart Works	Baugenaum	Nov 30	Jan 15
	Engelhard El Light	Herbert Read	Dec 5	Feb 19
	La Nature (perm.) Vol 1, 1873	Lauste	Dec 7	Dec 22
	Mackenna La Plata Chile	Payne	Dec 7	Apr 23
	Comptes Rendus 99	Fessenden	Dec 12	Feb 28
	Chem News 30	—		ret. Feb 16.89
	Hagen El Beleuchtg	Dickson	Dec 18	Dec 18
	Meis II Spectra. Wings	Fessenden	—	Feb 28
	La Nature vol 1874 I	Lauste	Dec 28	Dec 28
	Tyndall Heat	Wilhausley	"	Feb 10
	Tait Light	"	"	Feb 10
	Tait Heat	"	"	Feb 10
1889	Physical Ca Letter Pitsburg	Fessenden	Dec 27	
	La Nature 1875 I	Lauste	Dec 28	Jan 5
	Wüll & Hornstein	Fessenden	Jan	
	Sec Pa. Carpenter	—	—	ret
	La Nature 1875 II	Lauste	Jan 5	Jan 7
	" " 1876 I & II	"	Jan 7	Jan 19
	Phil. Mag. vol XIII 1856/4	Fessenden	Jan 14	ret
	VII XII 1856		"	"

~~Metallic Alloys Brandis Lessesne~~
Wis — Freqnt
Indian Tobacco Cross Bowen

Metallic alloys Brand	Lessesne	Jan 14	
Wis Freqnt	"	"	
Indian Tobacco Cross B	"	"	
Essays & Notes Eliot	Wangemann	Jan 1	Jan 1
Nature 1877 5	Lausta	Jan 19th	Apr 11
Macé Bacteriologie	Kennelly	Jan 31st	Apr 26
Cohn Biologie III,	Kennelly	"	"
Prom Sch Pl. III 69. 2 hr.	Fessenden	Jan 21	Feb 6
Fresenius Qual Anal	John V. N. Dorr	" 29	July 18
Martin & Wolfler, Notes	S. P. Van Buren	Feb 9th	Mar
~~[illegible]~~			
World Workers	Reporters (by Mr Tall)	Feb 9th	
Celebrities of the Day			
Vol Index S.T.	Fessenden Vol III p.2.	Feb 11th	
Cookes & Ring (Ans	Dickson	Feb 18th	
Hospitalier Moderne Appar.	Read (Coolert)	Feb 19th	Mch 16th
Phillips Metallurgy	Dickson	Feb 27th	
Booth & Morfit Encycl	Aylsworth	Feb 25th	Oct
Compter Renders 63	Gladstone	Feb 25th	Feb
Fresenius Quant Anal	Dickson	Feb 27th	
Compend 10 ½ Census	Tate	March 4th	
El World 1888 Vol. 10	Walter Miller	March 4th	
Wagner Chem Technol	Marshall	March 7th	Mar
Sprague Electricity	H Read	March 8th	
Thomson P. Lectures	Schulze-Berge	March 8th	
Elect World Mch 9, 1889	Kennelly	Mch 12	

1889	Report Indian Fibres	Dr. Deems	March 13th	June 1st
	Lindley Botany	" "		" "
	Martin & Wethler Motor	Bergh	March 13th	April 4th
	Anthorion & Watt, Chemistry Applied to Arts. Vol I & III	Marshall	March 14th	ret
	Phil Mag 1850 I (vol 36)	Gladstone	March 14th	June 13th
	Watts Electro-Deposition	H. Read	March 16th	June 13th
	Watt, Art of Soap Making	Marshall	March 20th	May 15
	Prescott Speaking Telephone	Read	March 21st	Apr 22
	Forbes Recent Improvements	Payne	March 22nd	July 30
	Spiviere, Cent. Amer.	Payne	March 25th	Apr 25th
	Amer Gas Light Journal vol 30 & 32 [1879 & 1880]	Stieringer	March 26th	June 6th
	Heyl (Customs Laws & Duties)	Payne	March 30th	Apr 23rd
	Fernando Demonstrator II	Fernandez	C. Apr 2nd	ret
	Anal. Chemist assistant			ret
	Rumpe, handbook of electr. meas	Lehmann	April 3rd	May 30th
	Martin & Wetzler. Motor	Bessler.	Apr 5th	May 8th
	Phil Mag (5) vol 7	Lyonnoth	Apr 5th	Apr 27th
	Central Station Lighting	Bergh	April 6th	April 8th
	Du Moncel, Appl de l'El vol 1 & 2	Dickson	April 8th	Apr 10th
	Selected methods of Chem. Anal. Crucibles	Fessenden	Ap. 8th	ret
	Nature (Jour.) 1877 II	Lauste	Apr 10th	May 4th
	Hospitalier Compteur d'Energ.	Kennelly	Apr 13th	Apr 20th
	Journ of Micrography Febr 1884	Kennelly	April 13th	March 20

1889	La Nature 1878 I	Lacroste	Apr 13 1/2	Jan 29 1/2
	Bramot Metall. Alloys.	English	Apr 15 1/2	May 10 1/2
	~~Chem. Vegetable~~			
	Jobs & Obs Bramot	Fessenden	Ap 16	Feb 25
	Widemann Ann 1887 No. 7, 8b. 1888 No. 5, 6, 7, 8a. 1889 No. 4	Kennelly	Ap. 25 1/2	July 7 1/2
	Malaine et Boulard-Lumière électr.	Lacroste	Apr 26 1/2	July 26 1/2
	La Nature 1878 II	Lacroste		July 26 1/2
	Harpers Monthly for June	A. E. Kennelly	Apr 30	May 27
	Phil Mag 1879 vol 7			
	La Nature 1879 I	Lacroste	May 4 1/2	June 25
	~~Ag~~ Phil Mag 1879 I (Per 5 vol 7)	Dyer	Apr 27 1/2	
	Scrap Book No 11 vol 2			
	Harpers Monthly May 1888	A. E. Kennelly	May 6	
	George Prescott, Dynamic Electricity	Geo Schmann	May 8 1/2	Aug 30
	Wagner Chem Tech	Fessenden	May 9 1/2	May 20
	Watts Dict, Old edit vol VI	Fessenden	May 11 1/2	
	Engineering – Ross	Fessenden	" 15	not
	~~Ann. May 1882 I/VI~~			
	Wurtz Dictionnaire	Fessenden	May 21 1/2	not
	Schorlemmer, complete in 1 Suppl.			

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Gmelin 1-18 & Index	Fessenden	May 21st	ret
Iron No. 852	Batchelor	" 21st	
U. S. Patent rules	Ebdell	May 27th	May 28th
Cooley Cyclop. Vol 2	Ebdell	May 28th	June 1st
Dussauce Soap.	Aylsworth	May 30th	Sept 30th
Morfit Soaps			
Thomé's Botany	Dr. Deems	March 13	June 1st
School Practical Cookery	Bergh	June 4	June 10th
Annales de Phys & Chem 1852	Fessenden	June 5th	Dec 16. 89
Hessler Pisco I & II	Lehmann	June 2nd	Dec 20 '89
Liebig Chemistry	Fessenden	June 10th	Dec 16. 89
Thomson & Tait I & II	Kennelly	June 15th	Sept 30. 89
Prescott Qual Anal	Fessenden	June 17th	ret
Drechsel Chem Recent	"		Feb 28
Barr Steam Boilers	Marshall	June 18th	ret
Beneth Vers Phys XIII	[illegible]	—	ret
Journ Ch Soc 2, 1864	"	June 19th	ret
Annales de Physique 51 52	"	June 19th	June 22nd
Law Case Woodhouse and Ramson Action 1 & 2	Dyer	June 20th	
Pitman Phonography	Herb Reed	June 21st	Aug 15th
Weisbach I II. Rankine	J. Ott	June 21st	June 22
Blakesley, Atom Carr	Kennelly	June 22	Sept 30. 89
Wiedemann Galvanismus II, 2	Lehmann	June 22	Aug 3
Erni Mineralogy	Fessenden	June 27	ret

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Hammersberg Chem	Fessenden	June 28	not
Mineralogy 1, 2			
Melbola, Chemistry of Photography	Dickson	July 1st	
Pennsylv. Geol Rep. 4 vols	Mr Edison's house	July 2	
Electrician (Lond) 576/577	Lefurgi - Voyage	July 9th	Aug 10th
Watt Electro-Deposition	A. Fudecke	July 11th	Aug 12th
Treven Qual Anal	Aylsworth	July 18th	
Willard, Glimpses of 50 years	Ehrdel	July 20th	Aug 30
Ein Journal		July 23	Feb 28
Invention ?	"	"	Feb 28
Complete, Reviews 25	"	"	Feb 28
La Nature 1879 II	Lewis	July 26	Aug 3rd
Perkin Library	Edison	" 27	July 29th
Miller Physiol ?	Lehmann	July 17	Sept 21st
Diseases of the Heart	Deems	July 29	Nov 8/89
Journal			
Electrician			
Elec Rev.			
Chem News			
Engineering			
Galvanismus, 1st Bowlig	Deems	31 st	Sept 30
Engin & Mining J. 1882	Fessenden	Aug 3	Aug 30
Chem Journal Trans 3rd	"	Aug 8	Feb 28
La Nature 1880 I	Lewis	Aug 5	Sept 20
Number			
Elect Rev. + Electrician			" 30

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La Nature 1879 I	Lippincott	Aug 2 9th	Aug 23 9th
Lyndoxin No 1270		Aug 8 11th	
Voyage Jeanette	I Elder	" 10 12th	Aug 12 12th
Sanot, Physics	Deshler	Aug 12 11th	Aug 15 11th
~~Fr. Journal~~			
Sanitary Eng Rev Vol 1. 11. 111	Jennings	"	Sept
Voyage of Jeanette Vol I	Langford	Aug 13/89	Sept 16/89
N.Y. Tribune		Aug 13/89	Oct 23
Verdet Optique N 2	Dickson	Aug 13 14th	Sept 18.
Daguin, Optique			
Willner Optik		"	Sept 18.
Sanot Physics	Herbert Read	Aug 15th	Sept 18.
~~Fr.~~ Prescott Speak Tel.	Deshler	Aug 15th	Aug 23.
Gregoire Electricity	Maguire	Aug 15th	Aug 17th
Meadowcroft Note	Maguire	Aug 17th	Jan 31/90
Nicholas Apr – Aug 88	Elwell	Aug 17th	Sept 20. 89
Invention Age 12-17		Aug 17th	Sept 20. 89
Dictionary Commerce Ed 1871	Deems	Aug 17th	Jan 31/90
Parville Applin & Co.	Lamb	Aug 28th	Aug 28th
Voyage Jeanette II	Langford	" 20th	Sept 16/89
Industries Telephone	Lamb	Aug 29 1/2	Aug 2
Century Dictionary part A	I Elder	Apr 30 7th	Sept 1 1st
Boyle Tile Pavements	Elwell	" "	Aug 31. 89
Niaudet Batteries	Dorr	Sept 4 7th	Nov 6/89
Edison Light Bulletin New Series	Dyer	Sept 4 8th	

THOS. A. EDISON LABORATORY
ORANGE, N. J.

1889	Fontaine éclairage	Laroche		Sept 7th	May 2
	Cooling Brewing	Eldridge		Sept 17th	Sept 13th
	Mounting Aug 3-24	7			
	Chemical Notes	"	"	"	
	Squirrel Fibres	Ebdell		Sept 9th	Sept 12
	Engl Mechanic 1275	Batchelor		Sept 9th	Sept 10th
	Mining Engin 2.				Sept 21
	Elect Rev. 3				Sept 21
	Electrician 3.		7	6	Sept 21
	Nos. 1.				Sept 21
	Science 3				Sept 21
	Cross, Ind Fibres	Ebdell		Sept 12.	Sept 23
	Elements of Machine Design	Kennelly		" 16	" 20
	Vapor Density Vol 1	Lemoult			
Heap Evidence	Applications of Electricity	Herbert Read		Sept 18/89	" 23
	Matter of Refrigeration Vol 2	Kennelly		Sept 18/89	Sept 19
	" " " Vol 1	"		" 19/89	" 20
	Merks Bulletin Jul Aug	Fessenden		Sept 20	" 20
	The Book Buyer	"		Sept 20	" 20
	Seems, Urinary Analysis	Lehmann		Sept 20	Nov 29
	Journal Chem Soc. July 7.			Sept 21	Feb 28
	" Aug			" 21	Sept 23
	" Sept			" 21	" 23
	Chem Jour. Aug 30.			" 21	" 23
	" Sept 6.			" 21	" 23
	Elect Rev			" 21	" 23
	Elect. "			" 21	" 23

1859	Engineering 1232	Fessenden	Sept 23	Sept 24
	" 1233	"	" 23	" 24
	" 1234	"	" 23	" 24
	" 1235	"	" 23	" 24
	" 1236	"	" 23	" 24
	The Engineer 2-1754	"	" 23	" 24
	" 2-1755	"	" 23	" 24
	" 2-1756	"	" 23	" 24
	" 2-1757	"	" 23	" 24
	" 2-1758	"	" 23	" 24
	Lenthurs Dictyy, Bice Chiloy	Ebdell	" 21	Sept 23
	Hosmann on Coffee	"	" 23	" 26
	Voyage of Jeannette Vol 1	H Read	" 26	Oct 3
	Calculus Runns. XXV Sept 3.		" 26	Sept 30
	Calculus XXIII Do.		" 26	" 30
	Chemical Nuss XXII Do.		" 26	" 30
	Science XIV Sept 20		" 26	" 30
	Deep Sea Soundings	Ebdell	" 28	" 30
	Nature # 38 May Oct '58	Fessenden	" 30	Oct 1
	" # 39 Nov Apl '59	do	" 30	" 1
	Philos Mag 3 #27 Jan Jun 59	do	" 30	" 1
	" #371 Aug '59	do	" 30	" 1
	Prescotts Elec Wks. Dyn. Elec	Berney	Oct 2	" 30
	Dussance Soap	Ay Isworth	" 2	Feb 17, 91
	Freseniss qual an	"	" 2	
	Booth & Morfitt Encyc Chem	"	" 2	
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	" " III 5	"	"	2	ret
	Morf't Soaps + Candles	"	"	2	ret
	Morf't Soaps	"	"	2	"
	Watt soap makers	"	"	2	"
	Ott. Soap + candles	"	"	2	ret
	Watt Electrod. + Spectrum	"	"	2	Jan 17th
	Carpenter Soaps etc	"	"	2	ret
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	Watts Index Spectra	"	"	7	
	Rayleigh Sound 2	"	"	7	
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	Clausius Mechn Theory	"	"	7	
	Anthony Bracket Test Book	"	"	7	
	Kohlrausch Phys Meas	"	"	7	
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	Thomson Tait Natl Phil 1 x 2	"	"	7	
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	Thompson, Dynamo Mach	"	"	7	Jan 8, 90
	Everett's Units	"	"	7	
	Colwell Steam Engine	"	"	7	
	Shunior Jamison Tables	"	"	7	
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	Hopkins Exp'l Science	H Rebb	" 30	Nov 30
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	Electricity Patents Cat 2 1855-66	Marshall	Jan 8		Feb. 21
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Dec 7. v. Nostrand.
– Electrician & Electrical Engineer, year 1882, 1883, 1884 complete
– Nuovo Cimento 1888 May-June July-Aug.
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∞ Das Telephon, Maier & Preece Stuttgart 1889.

∞ Hoppe, Die Accumulatoren. Berlin 1889.

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University of Pennsylvania
∞ Animal Locomotion.

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Jan 21st Hedges, Central Station Electric Lighting (from whence?) London

Jan 21st van Nostrand,
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– Cohn Biologie der Pflanzen Vol III pt 1, 1879

— Mavé, Bactériologie Paris 1889.
— Krieg, Erzeugung und Vertheilung der Elektricität in Zentral Stationen Vol I in II, Magdeburg 1888.
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Jan. 31 van Nostrand.
— Preece & Sizer, The Telephone, London & N.Y. 1889.

March 8th van Nostrand: Comptes Rendus vol 99 No. 19.
— Berly, Reguiers voltaic accumulators. London & N.Y. 1889.
— Cameron, Soaps and Candles, Philadelphia 1888.
— Scattie, Steam Boilers London & New York 1888.
— Thomson: Popular Lectures London & N.Y. 1889.
Il nuovo timento [illegible] 1888
Returned. Rein Industries of Japan

? — Cross, Bevan, Keep and Jeyneson — Report on indian fibres and fibrous substances. London New York 1887

1889.
March 22d. ~~v. Nostrand~~ Appleton & Co.
Cyclopaedia of Amer Biography vol 6,

Apr 13. van Nostrand
Fortschritte der Elektrotechnik
1887 Heft 1 & 2. 1888 Heft 1 & 2.
Hospitalier. Compteurs d'Energie
Electrique Paris 1889.
— Foote. Economic value of Electric Light
and Power, Cincinnati 1881.
— Il nuovo Cimento. Jan - Febr 1889.
— Van Nostrand's Engineering Magazine
No. 146, 152, 153, 154, 157, 159
160, 168, 172, 175, 177, 179, 180
182, 184, 185, 186, 193, 204, 211,
214, 215, 216. [23 Numbers]
— Journal de Micrographie, Fevrier
1884.
— Inst. Civ Engineers London (Minutes
of Proceedings Vol 75, 76, 77, 78,

Apr 25th van Nostrand.
— Wiedemanns Annalen vol 24 to 36.

Apr 25th German Postal Government (Presents to Mr Edison).
— Das Reichs - Postgebiet 2 vols.

— Bericht der Reichs - Post - & Telegra -
phenverwaltung pro 1885/87.
Statistik 1887.
— Otto v. Guericke's Experimenta nova
— Entwickelung des el Fernsprechwesens.
— Post Stammbuch.
— Das Buch von der Weltpost
— Postkarten.

Adresse der International News Company:
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May 4th van Nostrand
Fortschritte der Elektrotechnik
1887 part 3 and 4.

May 13th Two sets of specifications of Mr Edison's patents three vols each set, sent by Messrs Dyer & Seely.

May 18th van Nostrand.
Revue Internationale de l'Electricité
1886 No. 6, Vol 3, 4, 5, 6 [1886 II to 1888 I]
— Wiedemann Annalen 1889 part 5.
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~~Monthly~~ ~~Appleton & Co.~~
~~Cyclopædia of American biography, vol 6.~~

May 21st van Nostrand.
Wagner Jahresbericht 1888. [not mentioned in the bill]
Revue internationale de l'Electricité vol 7
~~Nuovo Cimento Mar Apr 1889.~~
and 1885 Juin, Nov - Dec, 1886 Avril

To be remitted: L'Exposition de Paris 1 & 2 (of May 18th, van Nostrand).
(Remitted ... 1889).

May 29th Appleton & Co
Annual Cyclopædia 1888, vol 13

June 4th van Nostrand
Proc Institution of Civil Engineers
Vol 79 to 95 (17 vols)
Journ Frankl Inst vol 59 to 70 (12 vols, bound into 6 vols)
Wiedemann Beiblätter vol 11
vol 12 and No. 1 to 4 of vol 13.

June 14th The Century Co, N. Y.
The Century Dictionary No. 1, 2, 3.

June 17 Meadowcroft the A, B, C of Electricity,
∞ Present of the author.

June 22nd van Nostrand.
38 Indexed pocket maps by Rand, McNally & Co
Abridgements of Electr Specif (British), Part I
Wiedemann Annalen 1889 No. 6
" Beiblätter 1889 No. 5
∞ Blakesley Alternating Currents, Lond 1889.
∞ Ser, Traité de physique industrielle, Paris 1888

July 1st van Nostrand
∞ Meldola, Chemistry of Photography.

July 2d van Nostrand
46 vols text } Pennsylv Geol Survey
10 vols maps }

July 3d ?
Glimpses of fifty years by Francis Willard

July 12th Sent to the binders as samples Sent to Ind Eng 70
Journ 24, Engineering 41, Tel journal 15. C.R. 99.
~~Hospitalier~~ L'El dans la maison. ~~Simples 188.~~
Hoppe Zeitsch d El., Wied Ann 19. ~~Zeit Electr~~
~~Energie~~. Engl Pat 55, ~~Schuppenberger~~ ~~Trans~~
~~gesellschaft~~. Niaudet mark El. Lumière El 1/2
Electrician 5.

July 15th ?
— Proceed of the U S Naval Inst vol XII No. 2 [Exhib No. 49]

Aug 2d V. Nostrand
— Pennsylv Geol Survey 10 vols
∞ Siemens Scientific works 3 vols.
∞ Peabody Thermodynamics of Steam Engine
∞ Allen (Commercial organic analysis
— Nuovo Cim (maggio giugno)
— Forbohr Elektrotechnik 1888 No. 3
~~Engineering & Mining~~

Aug 7th. Wiedemann.
— Geological & natural history survey of Canada. Annual Report. (New Series) vol 2, 1886; Montreal 1887.

Aug 12th Pres A. A. A. S. Cleveland. (from the Secretary?)
— " Century Co.
The Century Dictionary No. 4, Carbon - Cons

Aug 14th V. Nostrand
— Wiedemann Ann No. 8.

Sept 11 present of Author
— Milhé, le Déluge

~~Sept~~ van Nostrand
— Dictionary of Chemistry vol 2.
— Houston Dictionary of el words
— Revue internationale de l'Electr. vol 5
— 4 Telegraph cipher works

Sept 18th from Buffalo
— Matter of Kemmler Vol 1 & 2.

Sept 20th El Light Co. 65 Fifth Ave.
— 1 Group book: Crystal Palace Exhibition.

Sept 30th Century Dictionary pt 5. (Century Co).

Sep Oct 1. Lubbock, Pleasures of Life. (Lond 1887)
— Present by the author.

Oct 9 V. Nostrand.
— Nuovo Cimento Juli Aug 1889.
— Pennsylvania Geol Survey 4 vols [II, CC, HH, HHH]
∞ Watson & Anthony Electr & Magn vol 2. 1889
∞ Fleming Alternt Current Transformer vol 1. 1889
— Electrical Directory U. S.

Oct 10. Joint Mining Engineers.
— Transactions vol 17, 18 88/89

Oct 11. ?

∞ Pope, Evolution of the Immensity Temple

Oct 18 Century Co.

— Century Dictionary 6.

Oct 21st Patent Office (resp binder)

— U.S. Patents on El Motors 6 vols.

Oct 30th Blavatsky, Key to Theosophy, (presented by the publisher)

∞ Hopkins, Experimental Science Presented by the author

— Simmonds, Waste Products. (from the old library)

~~Oct~~ v. Nostrand.

Nov 1 The primary triangulation of the U.S. Lake survey. Washington 1882 (ret 5.11.)

Hopkins, Experimental Science, N.Y. 1890 (ret 5.11).

Nov 2. v Nostrand

— New York State Survey 1879, 80, 81.

— Topographical Survey Adirondack 1873 18 73/74 18 74/79

Final Results of Triangulation of New York State Survey. 1887. (ret 5.11.)

National History of New York (by Hall) (ret 5. 11).

Nov 9th v. Nostrand.

Hall, Nat Hist ~~State~~ of N.Y. (returned by mistake to v. Nostr.)

∞ Pivoll, Machines Dynamo Electriques Paris 1889.

∞ Groves & Thorp, Chem. Technology vol I Phil 1889.

— Proc Inst Civ Eng vol 96, 1889.

— Brond Geol (1 Pamphlet

— Survey of 6 bound vols

— Pennsylv. (3 map books

— Widemanns Ann No. 10, 1889.

Nov 27th v. Nostrand. Journ Chem Soc

Co. vol 14 No. 1, 2, vol 29 to 32, 41 to 52 and the following numbers: 181 to 186 188, 193, 196, 198, 203, 210, 217.

altogether 119 numbers

Dec 2d. van Nostrand.
Dick's Encyclopedia of prac'l Receipts N.Y. 1884
Allen Commercial Organic Anal vol 3 London 1886
ret. Haswell Mechanics and Engineers Pocket-Book, N.Y. 1884.
12.12. Nystrom's Pocket Book of Mechanics. Phil 1887
Molesworth's Pocket book of Engineering Lond N.Y. 1888

Dec 13th v. Nostrand
∞ Reid, Portland Cement, Lond, N.Y 1877
∞ Beckwith, Hydraulic Lime of Keil N.Y. 1873
∞ Gillmore, Lime, Hydraulic Cements N.Y. 1858

Dec 16th v. Nostrand.
— Hall, Nat Hist of N.Y Part IV, Geology
Geology of New York I by Mather (Albany 1843)
— Geology " " " II Emmons (" 1842)
" " " III Vanuxem (" 1842)

Dec 18th v. Nostrand.
— 5/12 Journ Chem Soc 53 & 54, 1888.
— 5 Chem News vol 36 to 58 (23 vols)
1890
25 Jan 4th v Nostrand
— Wiedemann Ann No 12.

Jan 10th From the author
— Emerson, European Glimpses & glances.

Jan 11th van Nostrand.
Gray, Absolute measurements ret

Jan 13th Gray Absolute measurements. ret
Watt Electrodeposition. ret
Gore Electrodeposition ret
∞ Gore Electrometallurgy.
— Napier Electrometallurgy
— Classen (Hiscock) quant analys by electrolys.
∞ Fontaine & Berg Electrolysis
— Wickmann Reichlotter II.
— Kneitler Fortschritte 1888 IV.

Jan 14th (from end of November, bought by Mr Mr Gowan)
— Geology of New Jersey 1868 (green, without map) by Cook.
— Geology of New Jersey (same as forgoing) with map
— Maps of the Geological Survey of N.J.
— Geol Survey of N.J. Annual Report of the State Geologist for the year 1883.
— Geol Survey of N.J. Final Report of the State Geologist, vol 1; 1888.

Jan 18th Kennelly and Wilkinson, Practical Notes for electrical students. London 1890 Presented by the authors.

van Nostrand!

Jan 23d Transact Am Inst Mining Eng 10 to 17 (8 vols)

c King, first annual report of the U. S. Geol Survey.

c Wallace, mineral deposits

c Davies, Metalliferous Minerals

c Davies, Earthy and other minerals

c Phillips, Explorers and assayers companion

Blake Report on precious metals (returned 23.1.)

c Hussak, The determination of rock-forming minerals (Trans C. Smith)

Second report nat hist and geol of Maine (ret 23.1.)

c Hollister, Mines of Colorado

Chemical News

[redacted] No. 719, 794, 868 (index of vol 33) 841 (index of vol 32), 842; index of vol 36 and 38.

Powell, U. S. Geol. Survey,

c 2d report 18 80/81

3d " 18 81/82

c 4th " 18 82/83

c 5th " 18 83/84

c Simms practical tunnelling.

Drinker Tunneling

c Skeletelt, The lixiviation of silver ores.

c von Cotta, Ore deposits

c Boyd, resources of West Virginia.

c Callon, Lectures on mining vol 1-3

Atlas to lectures vol 1-3

c Whitney, auriferous gravels of the sierra nevada of California.

van Nostrand

Jan 25th Mineral resources of the U. S.

Williams 1883

" 1883 & 84

" 1885

David T. Day 1886

" " " 1886

Books shipped back to v. Nostrand from Mr Edisons house!

o — Curtis, Woody plants of North Carolina

o — " Geol & nat hist survey of North Carolina. Pt 3 botany

o — Hemphill, Climate, soil and agricultural capabilities of South Carolina and Georgia.

o — Emmons, Report of the North Carolina Geol Survey, agriculture of the eastern counties.
o — Reports on the fishes, reptiles and birds of Massachusetts
o — Report on the invertebrata of Mass
o — Report on the trees and shrubs growing naturally in the forests of Mass.
o — Hitchcock, Final report on the Geol of Mass vol 1, 1841
o — Hitchcock, Ichnology of New England 1858
o — " Supplement to Ichnology of New England 1865.
— Plates illustrating the geology and scenery of Massachusetts.
— Kunhardt, Practice of ore dressing in Europe.

Jan 28th van Nostrand.
c W. Morgans, Atlas to manual of mining tools, London 1871.
c. George G André, A descriptive treatise on mining machinery, London vol 1 1877 vol 2 1878
c. S. C. Greenwell, a practical treatise on

mine engineering. London 1889.
c Geol survey of Canada 1863.
c H. de la Beche, the geological observer, Philad 1851.
c 1 Roll of maps (Hitchcock)

Numbers of periodicals
Black diamond vol 5 No. 4, 7, 8, 9, 10, 11,
Mining and scientific press vol 68 No 19, 20, 21, 22, 23, 24, 25, 26,
Mining and scientific review, new series vol 24 No. 1.

Jan 30 van Nostrand
c. ∞ Fraser, Tables for the determination of minerals, Philad 1875
c. ∞ Thurston, Handbook of engine and boiler trials. N.Y. 1890
c. Percival, Geology of Connecticut.
c. Hitchcock, Geol New Hampshire vol 1 & 2.
Jan 29th Century Co.
Century Dictionary 7, 8, 9.

Jan 30 v. Nostrand
~~Hitchcock~~
~~Trans Tech~~
~~Chemical~~
~~Geol Cont Special~~

Febr 3 l
Common Wealth of Georgia (Henderson)
Pocket map of Georgia.

Febr 7th van Nostrand.
C School of Mines quarterly vol. 3 to 10
C Geol of James River Valley N.Y. 1882.
C U. S. Geol Survey (Powell), Sixth Report 1884/85
C Geol of Pennsylvania vol I, II 1 & II 2
and one vol of maps.
Wiedemann Beibl ~~[illegible]~~ No. 12.
C Proceed Inst Civ Eng 97 & 98.
Mining and Scientific Review
vol 23 No 15 to 24, 1889.
∞ C Salomons, Electric Light Installations, 1880
Geology of Wisconsin vol 1 to 4 -
ref. Miller, North American Geology 1889.
Johnson Report on Coals 1844.

ref Phillips, Manual of Geology vol 1 & 2.

Febr 10th van Nostrand
C. Maps to Geol Rep of Wisconsin

Febr 20th
Century Dictionary No. 10.

Febr 26th v. Nostrand.
Beiblätter 1890 I
ref vol 8, 9 Trans Am Soc Mech Engin vol 7, 8, 9,
C vol 1 C Trans Am Inst Min Eng index of vol 1-15.
C Final Report on the Geol of New Jersey
by Rogers, Philad 1840.
ref Freshfield and Wharton, Hints to
travellers, London 1889.
C Second Annual Report on the Geol Survey
of New Jersey for the year 1855.
C Revue Internationale de l'Electr vol 9.
∞ C Sloane, Facts worth Knowing, Hartford 1890
ref König, Chem Zusammensetzung der menschlichen
Nahrungs und Genussmittel, Berlin 1889.
List of Geol Surveys.
∞ C Richards, Manual of Mining Constructing
Philad 1889.
∞ C Thorpe, Dictionary of Appl Chemistry. London 1890

ret Urquhart, Electric Light.
ret Tommasi, Traité des piles électriques Paris 1890.

Feb 15 van Nostrand
C. 4 vols Mining & Scientific Press.

Notice
Subscriptions by van Nostrand according to bill of Feb 26, 1890.

Mining Journal	9, 00
Electrical Review	5, 00
Mining & Sc Press	3, 00
Min Review	2, 00
Mining World	9, 00
Geol Mag	6, 00
Ann d. Phys.	10, 50
Beiblätter	4, 75
	49, 25

Bill for Penny.

Fuel	9, 60
Lead	9, 60
Silver & G.	7, 00
Iron & Steel	27, 50
metallurgy	9, 00

Mch 18th v. Nostrand
∞ C. Makins Metallurgy.
ret Earl Laboratory work, London 1890.
ret ~~Ma~~ Sabine Magnetic Intensity Lond 1838.
ret Tumlirz, Electric Potential, London 1889
∞ C Wood Thermodynamics. New York 1889.
∞ C Slingo and Brooker, Electrical Engineering, London 1890.
ret Knowledge vol 1 & 2.
ret Fiedler, Zeittelegraphen (Ell tech Bibl 40) Wien

Mch 21st Century Co
Century Dictionary pt 17.

Jan 15 v Nostrand (box Diverted to house)
This shipment must have contained according to van Nostrand's bills of Jan 24 and, Jan 15 and Mch 14 the following books:

Virginia Geol & Pol Survey		1876.
"	Prelim Rept	1878
"	Mr Donald	1879.
Tennessee, Safford		1856
(Troost 5th Report		1840
South Carolina, Ashes Wells		1881
"	Tuomey Rept	1844
"	"	1848

over

North Carolina, Kerr's Rept 1869
" " Genth & Kerr " 1885
" " Wilkes (Parks map) 1859
Alabama, Tuomey 1st Rept 1850
" 2d " 1858
Smith " 1875
" " 1876
" Bulletin 1886
Massachusetts Hitchcock 1833
" Crosby 1876
& Maine, Jackson 1838
" Herbaceous Plants 1840
Hitchcock vol II 1841

C. Watts Metally
C Lamborn Copper
C Morgan Mining tool
C Linton Min Surveyor
C Perry fuel
C lead
C silver & gold
C Iron & Steel
C Metallurgy

Balche mines
Hunt, Brit Ming
Piggot Copper
Peters "
Danby mineral
O Driscoll gold
Beringer assaying
Parks minerals & stones
Mercuriale notes
Anderson Prospector
Kunhardt ores
~~Mineral Resources vol 5~~

March 22d v. Nostrand.

∞ C Blair, Chem Anal of Iron Phil 1888
French Patents as specified below.
21/3 C Watts' Dictionary by Morley & Muir Vol 1 & 2 London 18 88/89.
∞ C Stockbridge Rocks & Soils
∞ C Bernthsen Organic Chemistry N.Y. 1889.
French Patents 83 pts see page 99.

	Debit	Credit
Bills from v. Nostrand		
Nov 26	60.00	
Nov 26	6.50	
Jan 15	66.06	
" 24	218.15	
" 29	27.94	
Feb 3	29.00	
" 8	43.70	
" 15	14.00	
" 26	49.25	
Mch 14	58.75	
" 16	2.55	
Mch 15	4.00	
Mch 12	4.50	

French Patents rec'd Mch 24 '11:
Nouvelle Serie vol 11_2 (1879), 12
13, 14_1, 14_2, 15, 15_2, 16_1, 16_2
17, 18_1, 18_2, 19_1, 19_2, 20_1, 20_2,
21_1, 21_2, 22_1, 22_2, 23_1 23_2 24_1 24_2
25, 26_1, 26_2, 27_1, 27_2, 28_1, 28_2, 29,
30_1 30_2 37_1 37_2 37_3 32_1 32_2 33_1 33_2
34_1 34_2 35_1 35_2 35_3 36_1 36_2 37_1 37_2
38_1 38_2 39_1 39_2 39_3 40_1 40_2 41_1 41_2
42_1 42_2 43_1 43_2 43_3 44_1 44_2 45_1
45_2 46_1 46_2 47_1 47_2 48 49 50 51 52
53, 54, 55, 56, 57, 58.

Mch 26 van Nostrand
C { Roscoe & Schorlemmer Chemistry
∞ { Vol 1, 2_1, 2_2, 3_3
∞ C Eissler, Modern Explosives, Lond 1890
∞ C Brush, Determinative Mineralogy N.Y. 1888.
∞ C Hospitalier, Energie electrique, Paris 1890.
∞ C Dana & Brush, ~~Nat~~ System of Mineralogy. N.Y. 1889.
(altogether 8 vols).

Mch 27. ?
Virginia as she is.

Apr 3d van Nostrand
ret Lock, Sulphuric acid, London 1879
∞ C. Murphy, Practical Mining, N.Y. 1880.
∞ C. Arnold, Ammonia and Ammonium Compounds London 1889.
~~Berney~~
ret Berney Alabama, 1878.

Mch 30. Levy, Organ Präparate.
ret. 10 4.

April 14½ Spon, Workshop Receipts, Lond 1888. 4 vols.
Ebbell
Ebbell Brannt, metallic Alloys {Lond 1889 Phila}
C French Patents vol 59 pt 1 & 2. 1889.
C ∞ Benedikt and Knecht, Coal Tar Colours, London 1889.
Beilstein 1890, 3.
∞ C Hopkins, connexion of geology and magnetism. London 1855.
C ∞ Kimball Physical Properties of Gases. Boston & N.Y. 1890.

April 16½ Spon Workshop Receipts
C ½ Capitaine Handbook
Ebbell Brannt Alloys
Ebbell

?
Apr 19½ Mangin, le feu du ciel

April 23d Electrical trades directory
ret 2 Kapp El transmission of energy
Tumlirz potential
Apr 28. Gray Influence machines

May 12½ van Nostrand
E Workshop receipts 4 vols (Spon).
E Sloane, Facts worth Knowing.
E Trautwein Engineers Pocketbook.
1/4 ret Makins, metallurgy
~~Art of Paper making~~
E Humber, Handy book on Steam Lond 185
1/4 ret Watt, Paper making London 1890.
E Reuleaux Kinematics London 1876
∞ C Richards, Aluminium Phila 1890.
E Thurston, Friction, New York 1889
1/4 ret Kunz Gems and Precious Stones N.Y. 1890.
C French Patents vol 60 now sent
E Heinzl Plate-Girder
Ebel

∞ C Lachenius, Glühlampe Wien (Hartleben) 1890
∞ C De Fodor, Elektrische Motoren
E Burr Steffens 1889

May 22nd From the author
∞ Kunz, Gems & precious stones of N America N.Y. 1890.

Appleton & Co
Annual Cyclopaedia year 1889, vol 14

June 16th v. Nostrand.
ret Bartholomew Atlas London 1890
Urquhart Electric Light
Watt Paper Making.
Art of Glass
Lankester, advancement of Science.
Ebbell — Thompson's List of Trades Journals
C Shuster, Fortschr d Elektrot 1889 I
Nuovo Cimento 27 marzo-aprile 1890
Western Ann 4, 5. Rubl 4.
C Wagner Jahresbericht 1889.
∞ C ~~Dingler~~ Photographic Series. (Dingle) N.Y. 1890
~~Weisbach Mech~~
∞ C Weisbach Mechanics vol I (Theoret Mech) N.Y. 1889
∞ C Dumont, Dictionnaire d'Electricité, Paris
∞ C L'Exposition de Paris, 2 vols. (1889)

June ? Chamber of Commerce, N.Y. Rept 1889-90

June ? Report on the mineral resources of Ontario. Toronto 1890.

June ? Cassino, Naturalists Directory; Boston 1890

June 18. Minutes of the Assoc Eds Ill Cos. Dedication by the Assoc.

Jy 4 Century Dictionary Eq.
July ? Century Dictionary 12 to 14.

July 2nd v. Nostrand.
ret 11/7 Carnelly Boiling Points, 2 vols
ret Home Steel
C Electrician vol 8
C ∞ Brown Directory Gas.
ret Johnson Patentees Manr
C ∞ Clark Rules (?)
ret Kirby Central Stations
C ∞ Ser Industrial Physics vol 2 pt 1

July 14 v Nostrand
Acadian Geology by Dawson. Lond 1878.

July 24. v. Nostrand
c French Patents, nouvl series vol 61, 1890.
ret Atlas Monmouth Co, N.J.
ret Borias, ~~Manuel~~ Fabr des Gaz.
ret Geol of N.J. Vol 1.
Geol of N.J. Vol 2 pt 1.
Annual Rep State Geolog ~~of~~ N.J. 1881
ret Ann Rep State Geologist N.J. 1882 to 1889.
ret Beach, Digest of Pat Off Decisions 1880-1890.
c Annealing of Copper (by Wyckoff Cummins).
ret Annals of Electricity, Magnet & Chem vol 1 to 10
Weidemann Ann (vol 40) N.S. J.

Sept 17th State Geologist of N.J.
Ann Rep of State Geol for 1869, 1870
1871, 1878 to 1880.

Sept 17 v Nostrand
c Engineering 1877-78-79-80.
ret { Trans Am Inst Min Eng 17
Collection de mémoires relat à la Phys vol 1-4
c French Patents vol 62 pt I & II
c Ostwald, Outlines of Gen Chem Lond 1890
c William Thomson Math & Phys, Sep vol III
London 1890
c Geol Survey of Canada 1853 to 1856. with
Atlas.
Wiedemann Ann, Above Contents

Oct 4 v. Nostrand
c. Scribners Table Pocket Book

July 8/91 D. Appleton & Co
1 Annual Encyclopedia Vol XV

~~Oct 20~~ Received by U.S.E. "Transactions of the Telegraph Engineers" by Shelford

Oct 16th Received by U.S.E. "Transactions Am. Institute Mining Engineers Vol XIX 1890-91.

1892
Feb 1 I, Van Ostrand.
Thompson. The Electromagnet
Russell Electric Light Cables
Phillips Engineering Summary.
Jackson Geology of Rhode Island
Mendeleeff The Principles of Chemistry 2 Vols
Thurston Steam Engine 2 Vols.
French Patents 1 Each Vol 66 Brussels Invent. 2 Vols.
German " " " " " 67 " " 2 " Vol 1 & 2
Rottschutt der Feuerlöschtechnik Vols 3 & 4 Vol 4
Schreen Theor. Telegraph & Part 7.

8 Report of the Commissioners of Education 88 & 89 Vol 1.
Transactions Am. Society Mech. Engineers.

Dec 12	Vols. 76 to 88 inclusive. U. S. Patents.
Nov 21	Bosley. Iron Mfg & Guide
Sibley	A manual of mining
Rossiter	Manual Chemical & Physiography
"	Systematic Mineralogy.
Ordman	Treatise on Metallurgy.
Brown	Mfg of Bricks, Tiles & Fire Brick
Negatt	Chemical Tables of Assaying
Gruner	Black Diamonds Discovered
A. L. Bell.	Principles of the Mfg of Iron & Steel
H. Reed	A practical Treatise on Concrete
Philippi Grohowski,	Baser. Brown. Oscar.

Wells Fargo Jan. 27 1890
U S.
Jan 17
Jan 24
Feb 8